

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. through 12. (cancelled)

13. (new): A base station transmission power control method, comprising:
 - a) setting a first expected BLER (block error rate) in a portable terminal;
 - b) setting a second expected BLER in the portable terminal, where the second expected BLER is less than the first expected BLER;
 - c) opening a communication channel between the base station and the portable terminal;
 - d) measuring the BLER of transmissions from the base station to the portable terminal by performing a cyclic redundancy check a specified number of times;
 - e) comparing the measured BLER to the first expected BLER;
 - f) if the measured BLER is greater than the first expected BLER, transmitting a transmission power control signal from the portable terminal to the base station, instructing the base station to increase power by a first amount,
 - g) if the measured BLER is less than or equal to the first expected BLER, determining if the measured BLER is zero;
 - h) if the measured BLER is not zero, returning to step (c);

i) if the measured BLER is zero, calculate the total BLER measured since the opening of the communication channel between the base station and the portable terminal;

j) if the total BLER is greater than the second expected BLER, returning to step (c);

k) if the total BLER is less than or equal to the second expected BLER, transmitting a transmission power control signal form the portable terminal to the base station, instructing the base station to decrease power by a second amount.

14. (new): A portable terminal, comprising:

a storage in which a first expected BLER (block error rate) and a second expected BLER, less than the first expected BLER, are stored;

an error count section which measures the BLER of transmissions from a base station by performing a cyclic redundancy check a specified number of times;

a determination section which compares the measured BLER to the first expected BLER;

a transmission power control generator which generates a transmission power control signal, instructing the base station to increase power by a first amount if the BLER measured by the error count section is greater than the first expected BLER;

wherein if the measured BLER is less than or equal to the first expected BLER, the error count section determines if the measured BLER is zero and if the measured BLER is not zero, the error count section resets the cyclic redundancy check to zero and performs a new cyclic redundancy check;

a control section which calculates a total BLER measured by the error count section if the measured BLER is zero;

wherein if the total BLER is less than or equal to the second expected BLER, the transmission power control generator generates a transmission power control signal instructing the base station to decrease power by a second amount.